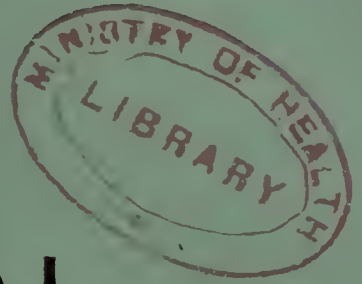
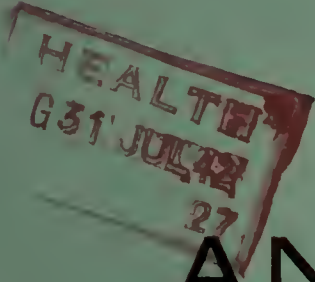


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CLAY CROSS URBAN DISTRICT.



ANNUAL REPORT

OF THE

Medical Officer of Health
for the Year 1940,

BY

JOHN REID GRAHAM,

M.B., CH.B., D.P.H.,

MEDICAL OFFICER OF HEALTH.

CLAY CROSS URBAN DISTRICT.

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MEDICAL OFFICER OF HEALTH.

ANNUAL REPORT FOR YEAR, 1940.

Mr. Chairman, Mrs. Bennison and Gentlemen,

I herewith present my Annual Report for the Year, 1940. The first whole year we have experienced under War conditions.

The Vital Statistics are not so satisfactory as those of the previous year. The severe weather in the early part of the year being, I consider, partly responsible, and also the general strain of war-time conditions may be a contributing factor.

The Urban District has not had any great movement of population in or out. The rationing has not had an adverse effect of the nutrition and has been more than offset by the increased earning capacity of the community.

The housing conditions of the district are a cause for some concern. At the outbreak of war many houses were in a poor state of repair, and the increased cost of repairs, scarcity of material and labour has aggravated the position.

I am,

Your obedient Servant,

JOHN R. GRAHAM,
Medical Officer of Health.

Public Health Staff.

Medical Officer of Health: JOHN R. GRAHAM, M.B., Ch.B.
(St. And.) D.P.H. (St. And.).

Sanitary Inspector: W. A. T. LYNAM, A.R.S.I.

Clerk: J. RYSDALE.

Statistics of the Area.

Population. Census 1921: 8,686 (4,483 males, 4,203 females).

Census 1931: 8,493 (4,487 males, 4,006 females).

Estimated resident population of the area is 7,619.

Number of inhabited houses according to the Rate Book:
2,167.

Sum represented by a Penny Rate: £118.

General Rate 1st April, 1940, to 30th September, 1940, in
the £, 6/5.

General Rate 1st October, 1940, to 31st March, 1941, in
the £, 6/6.

Chief Industries: Coal mines, Ironworks, Bye-Products
plant and Gas works.

The highest point in Clay Cross is High Street, which is
489 feet above sea level. The west side of the district drains
into the Press Brook, which flows south, eventually joining the
river Trent.

The east side is drained by the river Rother, which flows
north.

Vital Statistics and Social Conditions of the Area.

BIRTHS.		Total	Male	Female
Live Births :	Legitimate	... 126	66	60
	Illegitimate	... 5	1	4
Still Births	...	... 9	5	4

Birth Rate per 1,000 of the estimated resident population, 17·20.

Rate per 1,000 (live and still births), 18·38.

DEATHS.

Death Rate per 1,000 of the estimated resident population, 15·49.

Deaths from diseases and accidents of pregnancy and child-birth :
from Sepsis, nil; from other causes, nil.

Death rate of infants under one year of age :

All infants per 1,000 live births, 76·33.

Legimate infants per 1,000 legitimate live births, 79·36.

Illegitimate infants per 1,000 illegitimate live births, Nil.

Deaths from Measles, all ages, Nil.

Deaths from Whooping Cough, all ages, Nil.

Deaths from Diarrhœa, under two years of age, Nil.

The above figures are based on an estimated population of 7,619.

Causes of Death in the Clay Cross Urban District during 1940.

	Male	Female
All causes ...	72	46
Typhoid Fever, etc. ...	0	0
Measles ...	0	0
Scarlet Fever ..	0	0
Whooping Cough ...	0	0
Diphtheria ...	0	1
Influenza ...	2	0
Encephalitis Lethargica ...	0	0
Cerebro-Spinal Fever ...	0	0
Respiratory Tuberculosis ...	1	0
Other Tuberculosis ...	0	0
Syphilis ...	0	0
Cancer ...	7	5
Diabetes ...	1	1
Intracran Vasc, lesions ...	8	5
Heart Disease ...	13	9
Bronchitis ...	7	6
Pneumonia ...	8	2
Other Respiratory Diseases	5	1
Ulcer of stomach or duodenum	0	1
Diarrhœa under 2 years ...	0	0
Appendicitis ...	0	2
Other Digestive Diseases...	0	0
Nephritis ...	1	2
Other Circulatory Diseases	1	1
Puerperal Sepsis ...	0	0
Other Maternal Causes ...	0	0
Premature Birth ...	3	2
Congenital Causes ...	0	0
Suicide ...	0	1
Road Traffic Accidents ...	2	0
Other Violent Causes ...	5	0
All Other Causes ...	8	7

General Provision of Health Services in the Area.

1. NURSING IN THE HOME.

2. There are no changes in the arrangement for general nursing. One district nurse does invaluable work. Her services are subscribed for by voluntary subscription. There are no arrangements for the nursing of infectious diseases in the home. Unless complete isolation and adequate nursing can be provided at home, all cases are removed at once to hospital.

Ambulance Facilities.

(a) INFECTIOUS CASES. Ambulance provided by the Fever Hospitals.

(b) NON-INFECTIOUS AND ACCIDENT CASES. The Clay Cross Company provides two motor ambulances for accidents at their works.

THE MORTON RED CROSS AMBULANCE AND THE POLICE AMBULANCE are also available.

(c) MATERNITY CASES. No ambulance is especially provided for these.

Hospitals Available.

1. CHESTERFIELD ROYAL HOSPITAL for General Medical Services, General Surgical, Children, Ear, Nose and Throat, Ophthalmic Department, Other Services, Venereal Diseases, Clinic.

2. CHESTERFIELD MATERNITY HOSPITAL, and 26 beds in the CHESTERFIELD PUBLIC ASSISTANCE INSTITUTION.

3. NORTON for Puerperal cases.

4. WALTON SANATORIUM for Tuberculosis cases.

5. CHESTERFIELD UNION INFIRMARY for the Chronic Sick.
6. MICKLEOVER for Mental Cases.
7. BRETBY HOSPITAL for Orthopædic services, and 32 beds for adults suffering from Surgical Tuberculosis.
8. MORTON, LANGWITH, MASTIN MOOR AND DRONFIELD for Fever cases, and LODGE MOOR for Cerebro Spinal Meningitis.
9. SPITAL for Smallpox.
10. There is also an Infant Welfare Centre at Clay Cross and an Ante-Natal Clinic at Chesterfield, both under the control of the Derbyshire County Council

Sanitary Circumstances of the Area.

In order to save water the supply was cut off from the town for six hours in the night for periods in August, September, and October.

Bacteriological Report on Samples of Water, 1940 :

Total	Place Obtained		Satisfactory	Unsatisfactory
13	Borehole, Springs, Brook	...	13	0
12	Mains Supply	...	11	1
<hr/> 25			<hr/> 24	<hr/> 1

The work of re-laying water mains has been continued and pipes of a larger diameter have been laid in several streets.

Water from all sources is chlorinated.

Drainage and Sewerage.

No new sewers have been laid during the year.

Including farms, there are about 200 houses in the outlying portion of the district which are not drained to the Council's sewers.

Closet Accommodation.

Type		Number in use at end of 1940
Privy Middens	... ..	138
Pail Closets	... ..	6
Water Closets	... ..	2257
Trough and Slop Water Closets ..		12
	Total	<hr/> 2413 <hr/>

CONVERSIONS TO WATER CLOSETS DURING 1940 :

Privy Conversions	... ..	14
Pail Closets	... ..	0
		<hr/> 14 <hr/>

PRIVY CONVERSIONS.

RATE OF PROGRESS.

Year		Number Converted into Water Closets
1928	... ..	33
1929	... ..	46
1930	... ..	197
1931	... ..	178
1932	... ..	323
1933	... ..	127
1934	... ..	68
1935	... ..	34
1936	... ..	26
1937	... ..	34
1938	... ..	0
1939	... ..	0
1940	... ..	14

The following shows particulars of the 138 Houses with Privy Middens :

Houses which can be or are drained to the Council's sewers	34
Houses which can be or are drained to the Council's sewers, but included in the Council's clearance proposals	11
Houses which at present cannot be drained ...	75
Houses which at present cannot be drained to the Council's sewers and are included in the Council's clearance proposals under the Housing Act, 1936	18
Total	138

Cleansing and Scavenging.

This work is carried out efficiently by the Council's workmen. There is one low loading refuse collecting vehicle of modern design, and other vehicles are provided with sheets.

All dust bins are emptied weekly.

Controlled tipping is in operation.

The Council retain the services of a rat-catcher.

The streets are regularly cleaned, including Sundays.

Salvage operations were commenced on 1st April, 1940, and the following statement gives particulars of Salvage collected from 1st April, 1940, to 31st December, 1940 :

	T	C	Qr.	£	s.	d.
Mixed Waste Paper ...	24	0	2	96	2	0
Ferrous Metals ...	26	18	2	93	8	2
Scrap Tins ...	23	6	3	48	0	6
Non-Ferrous Metals ...			2		12	0
Rags ...	1	14	2	7	4	0
Bones ...		18	2	2	5	9
Broken Glass ...	1	14	0	2	2	6
Rubber ...		11	2		5	9
	79	4	3	£250	0	8

Shops Act, 1934.

No action was taken under this Act during 1940.

Smoke Abatement.

No action was taken during the year.

Swimming Baths and Pools

There is one privately owned swimming bath at the Miners' Welfare, and a water filtration plant is provided.

This bath is now closed owing to War Conditions.

The children's paddling pool at the Council's Playing Fields is cleaned when necessary.

Schools.

All Schools within the district have a piped supply of Town Water.

Immediately a case of infectious disease is reported the names and addresses of any contacts and the patient are sent to the County School Medical Officer.

Children from houses where infectious disease occurs are not allowed to attend School.

Housing.

NUMBER OF NEW HOUSES ERECTED :

Year	By Local Authority	Private Enterprise
1924		17
1925		7
1926		7
1927		16
1928		10
1929		19
1930		4
1931	16	6
1932		9
1933		1
1934		10
1935		21
1936	14	16
1937		12
1938	51	12
1939		20
1940		1

At the end of 1940 the Council owned 16 Bungalows and 122 Houses as follows :

4	Four Bedroom Houses
96	Three Bedroom Houses
22	Two Bedroom Houses
2	Two Bedroom Bungalows
14	One Bedroom Bungalows

Petroleum Acts.

Eleven licences were granted for the Storing of Petroleum Spirit and three licences for the Storing of Carbide of Calcium.

The storage capacity is 43,000 gallons of Petroleum and 30 cwts. of Carbide.

Bacteriological Examinations.

Table showing the number of specimens sent from the Urban District and examined at the County Laboratory, Derby :

	Positive	Negative
Enterica : Typhoid, Para-Typhoid A. & B.	—	2
Gaertner, Dysentery, etc. ...	—	2
Diphtheria	5	37
Phthisis	4	29
Water	—	—
Milk : T.B. Inoculation sent from Ministry of Agriculture	4	2
Methylene Blue Test (Routine) ...	—	—
Bacterial Count	—	—
Bacillus Coli	—	—
Miscellaneous	1	11
Totals	<u>14</u>	<u>83</u>

Tuberculosis Return for 1940.

	NEW CASES.				DEATHS.			
	PULMONARY.		NON-PULMONARY.		PULMONARY.		NON-PULMONARY	
Age periods	M	F	M	F	M	F	M	F
Under 1	0	0	0	0	0	0	0	0
1 and over	0	0	0	0	0	0	0	0
5 and over	0	0	0	0	0	0	0	0
15 and over	0	0	0	0	0	0	0	0
25 and over	1	0	0	0	0	0	0	0
35 and over	1	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0
55 and over	0	0	0	0	0	0	0	0
65 and over	1	0	0	0	1	0	0	0
Total	3	0	0	0	1	0	0	0
Cases included above	NOT NOTIFIED.				NOT PRIMARY.			
	M	F	M	F	M	F	M	F
	0	0	0	0	0	0	0	0

Ophthalmia Neonatorum.

Cases Notified	Treated at home	Treated in hospital	Vision unimpaired	Vision impaired	Total Blindness	Deaths
0	0	0	0	0	0	0

Infectious Diseases.

Disease	Total Number Notified	Cases admitted to Hospital	Total Deaths
Smallpox ...	0	0	0
Scarlet Fever ...	20	18	0
Diphtheria ...	31	31	1
Enteric Fever ...	0	0	0
Measles ...	150	0	0
Whooping Cough ...	2	0	0
Puerperal Fever } Puerperal Pyrexia }	0	0	0
Cerebro-spinal Fever ...	11	11	0
Pneumonia ...	9	1	10
Erysipelas ...	1	0	0
Polio-myelitis ...	0	0	0
Ophthalmia Neonatorium	0	0	0
Encephalitis Lethargica	0	0	0
Dysentery ...	0	0	0

Annual Report of Sanitary Inspector.

Clay Cross Urban Sanitary District, 1940.

Name of Inspector: W. A. T. LYNAM, A.R.S.I.

Area of District, 2023

Estimated No of Houses, 2167.

New houses erected in 1940: (a) by Local Authority 0, (b) by Private Enterprise 1

	Number of Inspections made by Sanitary Inspector	Number of Informal Notices served	Number of Legal Notices served	Nuisances abated with or without Notices
CLOSETS AND ASHPITS—				
Defective Privies, Pail Closets & Ashpits (not for conversion)	0	0	0	0
Conversion of Privies into W.C.'s	36	3	0	14
Conversion of Pail Closets into W.C.'s	0	0	0	0
Conversions of Privies into Pail Closets	0	0	0	0
Defective Water Closets	38	16	0	23
Provision of Additional Water Closets	0	0	0	0
Provision of Portable Ashbins	60	14	0	46
Dirty Closets	0	0	0	0
DRAINAGE—				
No disconnection of waste pipe	0	0	0	0
Defective Waste Pipe, Traps, Inlets and Drains	142	15	0	72
Drains Obstructed	60	49	0	54
OTHER DEFECTS—				
Paving of Courts and Yards	41	4	0	20
Roofs, Eaves-Spouts and Down-Spouts	67	16	0	48
Sinks	105	9	0	47
Insufficient Ventilation	38	1	0	17
Windows...	62	21	0	42
Dampness	38	1	0	17
Water in Cellars	7	4	0	4
Water Supply	66	3	0	41
Overcrowding	0	0	0	0
Foul Condition of Houses	0	0	0	0
Offensive Accumulations	2	1	0	1
Animals improperly kept	0	0	0	0
Pigsties	0	0	0	0
Smoke Nuisances	0	0	0	0
Urinals	0	0	0	0
Nuisances not specified above	69	25	0	44
	<hr/> 832 <hr/>	<hr/> 182 <hr/>	<hr/> 0 <hr/>	<hr/> 490 <hr/>

		Number on Register	Inspections Made	Notices Served	Nuisances abated with or without notice
Dairies, Cowsheds and Milkshops	...	43	0	0	0
Bakehouses	...	3	6	0	0
Slaughterhouses	...	8	27	0	0
Offensive Trades	...	1	1	0	0
Common Lodging-houses	...	1	1	0	0
		<hr/> 56	<hr/> 35	<hr/> 0	<hr/> 0

Summary of Food Condemned during 1940.

Beef	...	...	6 lbs.
Beef (Organs)	...	...	155 lbs.
Mutton	...	...	—
Mutton (Organs)	...	...	3 lbs.
Pork	...	...	—
Pork (Organs)	...	...	—
			<hr/> 164 lbs.

Cod Fish	...	...	9 lbs.
Egg Substitute	...	...	28 lbs.
Rabbits	...	...	109

Inspection of Carcases of Meat.

Cattle (excluding Cows)	...	...	6
Cows	...	...	23
Calves	...	...	4
Sheep and Lambs	...	...	48
Pigs	...	...	21

After 15th January, 1940, the slaughter of animals took place at the Regional Centre at Chesterfield.

Housing.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR:

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts), 254

(b) Number of inspections made for the purpose, 695

(2) (a) Number of dwelling-houses (included under sub-head) (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932, 17

(b) Number of inspections made for the purpose, 17

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation, 0.

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation, 254

2. REMEDY OF DEFECTS DURING YEAR WITHOUT SERVICE OF FORMAL NOTICES:

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers, 0.

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936, 0.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs, 17

(2) Number of Houses which were rendered fit after service of formal notices:

(a) By owners, 17

(b) By Local Authority, 0.

(b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied, 254

2. Number of dwelling-houses in which defects were remedied after service of formal notices, 224

(a) By owners, 224

(b) By Local Authority in default of owners, 0.

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936:

(1) Number of dwelling-houses in respect of which Demolition Orders were made, 0.

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders, 0.

(d) Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made, 0.

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit, 0.

4. Housing Act, 1936, Part IV.—Overcrowding:

(a)	(1)	Number of dwellings overcrowded at end of the year	...	...	...	...	...	62
	(2)	Number of families dwelling therein	...	...	...	...	...	82
	(3)	Number of persons dwelling therein	...	...	...	...	...	569

(b)	Number of new cases of overcrowding reported during the year	0
(c)	(1) Number of cases of overcrowding relieved during the year	0
	(2) Number of persons concerned in such cases	0
(d)	Particulars of any cases in which dwelling- houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	0

CLAY CROSS URBAN DISTRICT COUNCIL.

Particulars of Scavenging Work, year ended 31st March, 1940.

Area of District, 2023 acres.

Population, 8132.

Number of Inhabited Houses, 2166.

Rateable Value, £30421.

Sum Represented by a Penny Rate, £117/9/-

Cost of Scavenging, £1472/16/2

Cost per 1000 population, £181/2/3

Cost per head, 3/7

Cost per 1000 houses, £679/19/4

Cost equivalent rate in the £, 12·5 pence.

Cost percentage of total rate in the £, 7·8 pence.

Cost per house per annum, 13/7

Total refuse collected, 3912 tons.

Refuse made per day, or removed per day, counting
365 days per year, 10 tons 14 cwts.

Weight per 1000 population per day, 26·3 cwts.

Weight per head per day collected, 2·9 lbs.

Cost per ton, 7/6

Total Rates in the £ for the year, 13/3

JOS. SPRIGGS & SONS,
PRINTERS.
MARKET ST., CLAY CROSS.